Passage 4

Wind Power

A. Nations concerned about the growing global warming problem are encouraging people to shift to renewable energy sources. One kind of renewable energy is wind power. Windmills are used to harness the kinetic power of the wind. As the wind blows, the wind's energy is gathered by the windmill's blades or sails. This slows down the wind and triggers the blades to rotate. The rotating blades are connected to a shaft which is linked to a generator that creates electricity. Hence, windmills convert wind energy to another form of energy.

B. There are a number of benefits to using wind energy. First, it is environmentally friendly because it does not cause air or water pollution; thus, it does not add to global warming. Wind energy is also sustainable. Thus, as long as winds continue to blow, wind energy will also be available. Although it may initially be costly to put up a windmill, another major benefit is that once it is built, there will no longer be any monthly electricity fees. In contrast, some detriments of wind technology include the unpredictability of the wind and the variability of its amount and strength. Some also consider wind farms as eyesores, particularly since these are usually built in places that will allow the machines to get the most amount of wind, like hilltops and shorelines.

C. For sure, the world has to go 'green' soon or suffer the many consequences linked to global warming. Therefore, people should be open to renewable forms of energy, such as the use of windmills.

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Questions

The reading passage mentions a number of cause-and-effect relationships.

Match each cause (1 – 4) in List A with its effect (A – F) in List B.

NB There are more effects in List B than you will need, so you will not use all of them.

You may use any effect more than once.

List A: Causes	List B: Effects
1. Tapping the power of the wind 2. Having blades or sails 3. Using windmills 4. Putting windmills on windy hilltops and at the seaside	A. Environmental pollution is not increased. B. No need to pay for construction fees, only monthly fees. C. The natural beauty of an area may be lessened. D. Another form of energy is made available with the use of windmills. E. A cheaper and less sustainable method is made available to people. F. Winds reduce speed and wind energy is collected.

Approach

STEP 1 Identify the keywords and question focus in each numbered statement in the list.

STEP 2 Find out the relevant information in the passage.

STEP 3 Match the numbered statement with its corresponding lettered item.

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